



Nvis 6507 Experimentation with Astable and Monostable Multivibrator has been designed specifically for the study of Multivibrator in Astable and Monostable Modes using IC NE555. The board is absolute with an in-built supply and pulse generator.

The Astable Multivibrator, often called as the Free-Running Multivibrator, is frequently used as a simple mean of generating square and rectangular wave signal. It has a nonstable state. The Monostable Multivibrator, often called as One-Shot Multivibrator and is useful for generating a single pulse of desired duration in response to an external trigger.

Features

- In-built +5V regulated DC Power Supply
- In-built 1KHz pulse generator for triggering the monostable circuit
- Good quality, reliable sockets and test points are provided
- Strongly supported by systematic operating instructions
- A low cost training solution
- Online Product Tutorial

Scope of Learning

- To study the IC 555 as a Monostable (One-Shot) Multivibrator
- To study the IC 555 as an Astable (Free-Running) Multivibrator

Technical Specifications

Mains Supply	: 230V ±10%, 50Hz
DC Bias Voltage	: +5V
Frequency of Trigger	: 1KHz
Pulse Generator	
Frequency Range of Astable Multivibrator	: 600Hz – 3.2KHz (approximate)
Frequency Range of Bistable Multivibrator	: 350Hz – 1KHz (approximate)
Output Voltage	: 5V _{pp} (approximate)
Dimensions (mm)	: W 250 x D 150 x H 80
Weight	: 550gms (approximate)